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WHAT IS CLAIMED IS:

1. An image information display method for editing a motion picture, wherein a representative image representing a series of frame images forming the motion picture is displayed on a screen of a display device and a hierarchical structure based on a plurality of the representative images is displayed on said screen, said method comprising the steps of;

selecting first representative images in each of which a predetermined object to be detected is included, from said representative images based on an image detection processing;

displaying a first information relating to said representative images including said first representative images, to which said image detection processing has been performed, on said screen; and

displaying a second information relating to said representative images, to which said image detection processing has not been performed, yet, with said first information, simultaneously, on said screen.

2. An image information displaying method according to claim 1, wherein in the step of displaying said first information, said first representative images including said predetermined object and said representative images not including said predetermined object are distinctively displayed.

3. An image information displaying method according to Claim 1, wherein said image detection processing is

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performed on the basis of one or more features possessed by said predetermined object, said features stored in a storage device, and said representative images to which said image detection processing has not been applied are applied to said image detection processing on the basis of a same features.

4. An image information displaying method according to Claim 1, wherein said predetermined object is the image of an object appearing in said motion picture.

5. An image information displaying method according to Claim 1, further comprising a step of deleting a part of said first information on said screen.

6. An image information displaying method according to Claim 1, further comprising a step of performing separately plural image detection processings on the basis of different features for predetermined objects, and displaying in combination of results of said plural image detection processings on said screen.

7. An image information displaying method according to Claim 6, further comprising a step of dividing the combined result into the respective results.

8. An image information displaying method according to Claim 1, further comprising a step of displaying, on said screen, said representative image which contains said predetermined object.

9. An image information displaying method according to Claim 1, further comprising a step of displaying, said representative image combined with additional information

which relates to said predetermined object detected by said image detection processing, on said screen.

10. An image information displaying method according to Claim 1, further comprising a step of varying a display area of said first information on said screen.

11. An image information displaying method according to Claim 1, further comprising a step of selecting one of said representative images constructing said hierarchical structure and a step of applying said image detection processing to a series of frame images corresponding to said selected representative image.

12. An image information displaying method according to Claim 1, wherein said representative image is displayed in the form of a solid figure on said screen, and frame images containing said predetermined object detected in said image detection processing and frame images containing no said predetermined image are distinctively displayed on a side face portion of said solid figure.

13. An image information displaying method according to Claim 1, further comprising a step of displaying three windows simultaneously on said screen, said three windows including a first window which displays said hierarchical structure to edit the motion picture, a second window which displays a plurality of frame images applied said image detection processing, and a third window which displays the detection result of said image detection processing, wherein the operations of said three windows are linked with each other.

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a step of displaying an object frame on the detected predetermined object, said object frame designating a part of a selected frame image which contains said predetermined object;

a step of making the judgement of whether or not the same image information as image information of a region enclosed by said object frame is included in the plurality of frame images applied to said image detection processing; and

a step of changing at least one of the size and position of said object frame by operating icons displayed on said screen.

18. An image information displaying apparatus for editing a motion picture, comprising:

a display device having a screen for displaying representative images representing a series of frame images forming the motion picture;

a control device for controlling image information displayed on said screen;

a storage device for storing said frame images, said image information and data for managing said frame images and said image information; and

an input device for inputting data into said control device, wherein said control device includes means for constructing a hierarchical structure comprising a plurality of representative images on the basis of data inputted by said input device; detecting means for detecting a plurality of frame images including a predetermined object to be detected on the basis of an image detection processing, means for displaying a first information indicative of the detected frame image having said predetermined object on said screen, and means for

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displaying a second information concerning frame images being not applied said image detection processing, on said screen.

19. A computer program embodied on a computer readable medium for the display of image information for editing a motion picture, said computer readable medium having computer readable program code means comprising:

means for displaying representative images representing a series of frame images forming the motion picture on a screen of a display device;

means for constructing a hierarchical structure based on a plurality of representative images generated and displaying on said screen on the basis of inputted instruction data;

means for detecting a plurality of frame images including in said representative image by applying an image detection processing, said frame images having a predetermined object to be detected;

means for displaying a first information indicative of the detected frame image having the predetermined object on said screen; and

means for displaying a second information images being not applied with said image detecting processing.

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